

Title (en)  
POWER SUPPLY COMBINATION HAVING HETEROGENEOUS POWER SUPPLIES

Title (de)  
STROMVERSORGUNGSKOMBINATION MIT HETEROGENEN STROMVERSORGUNGEN

Title (fr)  
COMBINAISON D'ALIMENTATION COMPORTANT DES ALIMENTATIONS HÉTÉROGÈNES

Publication  
**EP 3916518 B1 20230510 (EN)**

Application  
**EP 20315267 A 20200528**

Priority  
EP 20315267 A 20200528

Abstract (en)  
[origin: EP3916518A1] A power supply combination comprises two multi-voltage power sources having respective power rails delivering power at a first voltage and respective power rails delivering power at a second voltage. The power supply combination also comprises two single-voltage power sources having respective power rails delivering power at the first voltage. A first power combining circuit is electrically connected to the first voltage power rails of two multi-voltage power sources and to the two single-voltage power sources and delivers power at the first voltage to a first voltage input of a load. A second power combining circuit is electrically connected to the second voltage power rails of the two multi-voltage power sources and delivers power at the second voltage to a second voltage input of the load. A power supply network may connect a plurality of power supply combinations to a power management unit for reporting failures of the power sources.

IPC 8 full level  
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